

Leigh Aldous

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

3,983
citations

37
h-index

57
g-index

131
ext. papers

4,410
ext. citations

5.1
avg, IF

5.56
L-index

#	Paper	IF	Citations
121	Nanostructuring Electrode Surfaces and Hydrogels for Enhanced Thermocapacitance. <i>ACS Applied Nano Materials</i> , 2022 , 5, 438-445	5.6	0
120	The significance of supporting electrolyte on poly (vinyl alcohol)/Iron(II)/iron(III) solid-state electrolytes for wearable thermo-electrochemical cells. <i>Electrochemistry Communications</i> , 2021 , 124, 106938	5.1	13
119	Electroanalytical profiling of cocaine samples by means of an electropolymerized molecularly imprinted polymer using benzocaine as the template molecule. <i>Analyst, The</i> , 2021 , 146, 1747-1759	5	5
118	Thermogalvanic cells demonstrate inherent physiochemical limitations in redox-active electrolytes at water-in-salt concentrations. <i>Cell Reports Physical Science</i> , 2021 , 2, 100510	6.1	5
117	Methylone screening with electropolymerized molecularly imprinted polymer on screen-printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2020 , 316, 128133	8.5	15
116	Gold nanoparticles immobilised in a superabsorbent hydrogel matrix: facile synthesis and application for the catalytic reduction of toxic compounds. <i>Chemical Communications</i> , 2020 , 56, 1263-1266	5.8	7
115	Advanced Wearable Thermocells for Body Heat Harvesting. <i>Advanced Energy Materials</i> , 2020 , 10, 2002539	11.8	41
114	A fundamental study of the thermoelectrochemistry of ferricyanide/ferrocyanide: cation, concentration, ratio, and heterogeneous and homogeneous electrocatalysis effects in thermogalvanic cells. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 3388-3399	5.8	19
113	Using iron sulphate to form both n-type and p-type pseudo-thermoelectrics: non-hazardous and second life thermogalvanic cells. <i>Green Chemistry</i> , 2020 , 22, 6062-6074	10	13
112	Thermogalvanic cells: A side-by-side comparison of measurement methods. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 872, 114280	4.1	12
111	Biophysical analysis of cancer stem cell-potent copper(ii) coordination complexes. <i>Dalton Transactions</i> , 2019 , 48, 5892-5896	4.3	13
110	Aprotic vs Protic Ionic Liquids for Lignocellulosic Biomass Pretreatment: Anion Effects, Enzymatic Hydrolysis, Solid-State NMR, Distillation, and Recycle. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 ,	8.3	12
109	Success and failure in the incorporation of gold nanoparticles inside ferri/ferrocyanide thermogalvanic cells. <i>Electrochemistry Communications</i> , 2019 , 102, 41-45	5.1	22
108	Repurposing commercial anaerobic digester wastewater to improve cyanobacteria cultivation and digestibility for bioenergy systems. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 841-849	5.8	2
107	Preparation of platinum-based 'cauliflower microarrays' for enhanced ammonia gas sensing. <i>Analytica Chimica Acta</i> , 2019 , 1048, 12-21	6.6	11
106	Nucleophilic Cleavage of Lignin Model Compounds under Acidic Conditions in an Ionic Liquid: A Mechanistic Study. <i>ChemPlusChem</i> , 2018 , 83, 348-353	2.8	1
105	Kamlet-Taft solvent parameters, NMR spectroscopic analysis and thermoelectrochemistry of lithium-glyme solvate ionic liquids and their dilute solutions. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 16558-16567	3.6	11

104	Electrochemistry: general discussion. <i>Faraday Discussions</i> , 2018 , 206, 405-426	3.6	8
103	Temperature effect upon the thermoelectrochemical potential generated between lithium metal and lithium ion intercalation electrodes in symmetric and asymmetric battery arrangements. <i>Electrochemistry Communications</i> , 2018 , 86, 153-156	5.1	8
102	Ionic liquids at interfaces: general discussion. <i>Faraday Discussions</i> , 2018 , 206, 549-586	3.6	
101	The thermoelectrochemistry of the aqueous iron(II)/iron(III) redox couple: significance of the anion and pH in thermogalvanic thermal-to-electrical energy conversion. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 2717-2726	5.8	39
100	Highlights from the Faraday Discussion on Ionic Liquids: From Fundamental Properties to Practical Applications, Cambridge, UK, September 2017. <i>Chemical Communications</i> , 2018 , 54, 5261-5267	5.8	4
99	Total quantification and extraction of shikimic acid from star anise (<i>Illicium verum</i>) using solid-state NMR and cellulose-dissolving aqueous hydroxide solutions. <i>Sustainable Chemistry and Pharmacy</i> , 2017 , 5, 115-121	3.9	9
98	A Cation Study on Rice Husk Biomass Pretreatment with Aqueous Hydroxides: Cellulose Solubility Does Not Correlate with Improved Enzymatic Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5320-5329	8.3	9
97	Carbon dioxide as a pH-switch anti-solvent for biomass fractionation and pre-treatment with aqueous hydroxide solutions. <i>Green Chemistry</i> , 2017 , 19, 2129-2134	10	9
96	Cleavage of ethers in an ionic liquid. Enhancement, selectivity and potential application. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5556-5563	3.9	11
95	Thermoelectrochemistry using conventional and novel gelled electrolytes in heat-to-current thermocells. <i>Electrochimica Acta</i> , 2017 , 225, 482-492	6.7	57
94	Enhancing thermoelectrochemical properties by tethering ferrocene to the anion or cation of ionic liquids: altered thermodynamics and solubility. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 24255-24263	3.6	11
93	Feedstocks and analysis: general discussion. <i>Faraday Discussions</i> , 2017 , 202, 497-519	3.6	2
92	Phase behaviour and thermodynamics: general discussion. <i>Faraday Discussions</i> , 2017 , 206, 113-139	3.6	4
91	The thermoelectrochemistry of lithium-glyme solvate ionic liquids: towards waste heat harvesting. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 20768-77	3.6	21
90	Achieving pseudo-n-type p-type-n-series and parallel liquid thermoelectrics using all-iron thermoelectrochemical cells with opposite Seebeck coefficients. <i>Electrochemistry Communications</i> , 2016 , 72, 181-185	5.1	33
89	Recent advances in ionic liquid-based gas sensors 2016 , 287-338		2
88	Novel Chloroimidazolium-Based Ionic Liquids: Synthesis, Characterisation and Behaviour as Solvents to Control Reaction Outcome. <i>ChemPlusChem</i> , 2016 , 81, 574-583	2.8	21
87	Polyoxometalates as solution-phase electrocatalytic mediators for reduced electrode fouling and the improved oxidative response of phenols. <i>Electrochemistry Communications</i> , 2016 , 69, 32-35	5.1	4

86	Substituted ferrocenes and iodine as synergistic thermoelectrochemical heat harvesting redox couples in ionic liquids. <i>Chemical Communications</i> , 2016 , 52, 745-8	5.8	38
85	Experimental and theoretical studies of gold nanoparticle decorated zinc oxide nanoflakes with exposed {1 01 0} facets for butylamine sensing. <i>Sensors and Actuators B: Chemical</i> , 2016 , 230, 581-591	8.5	44
84	The Corannulene Reduction Mechanism in Ionic Liquids is Controlled by Ion Pairing. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 8405-8410	3.8	3
83	Pretreatment of Macadamia Nut Shells with Ionic Liquids Facilitates Both Mechanical Cracking and Enzymatic Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 992-999	8.3	13
82	Phenazine virulence factor binding to extracellular DNA is important for <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Scientific Reports</i> , 2015 , 5, 8398	4.9	95
81	Combining thermogalvanic corrosion and thermogalvanic redox couples for improved electrochemical waste heat harvesting. <i>Electrochemistry Communications</i> , 2015 , 58, 76-79	5.1	16
80	Facile, room-temperature pre-treatment of rice husks with tetrabutylphosphonium hydroxide: Enhanced enzymatic and acid hydrolysis yields. <i>Bioresource Technology</i> , 2015 , 197, 252-9	11	18
79	Extraction and electrochemical detection of capsaicin and ascorbic acid from fresh chilli using ionic liquids. <i>New Journal of Chemistry</i> , 2015 , 39, 860-867	3.6	19
78	The effect of changing the components of an ionic liquid upon the solubility of lignin. <i>Green Chemistry</i> , 2015 , 17, 214-218	10	101
77	Chapter 10: Electrochemical Detection Using Ionic Liquids. <i>RSC Detection Science</i> , 2015 , 341-386	0.4	2
76	The Oxygen Reduction Reaction in Ferrofluids: Towards Membrane-less and Spill-less Gas Sensors. <i>ChemPlusChem</i> , 2014 , 79, 1498-1506	2.8	2
75	Oxygen Reduction Reaction in Room Temperature Protic Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18334-18342	3.8	51
74	Electrochemistry of chloride in ambient room temperature ionic liquids: Formation of oxychloride species. <i>Electrochemistry Communications</i> , 2013 , 34, 331-334	5.1	17
73	The use of nano-carbon as an alternative to multi-walled carbon nanotubes in modified electrodes for adsorptive stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2012 , 162, 361-368	8.5	87
72	Electrochemistry of Zirconium Tetrachloride in the Ionic Liquid N-Butyl-N-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide: Formation of Zr(III) and Exploitation of ZrCl ₄ as a Facile Ionic Liquid Drying Agent. <i>Electroanalysis</i> , 2012 , 24, 210-213	3	2
71	Volatilisation of substituted ferrocene compounds of different sizes from room temperature ionic liquids: a kinetic and mechanistic study. <i>New Journal of Chemistry</i> , 2012 , 36, 774	3.6	6
70	The adsorption of quinizarin on boron-doped diamond. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 2375-80	3.6	10
69	The hydrogen evolution reaction in a room temperature ionic liquid: mechanism and electrocatalyst trends. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 5222-8	3.6	46

68	Ionic Liquids for Lignin Processing: Dissolution, Isolation, and Conversion. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1465	1.2	80
67	Synthesis and characterization of carbon nanotubes covalently functionalized with amphiphilic polymer coated superparamagnetic nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2012 , 383, 110-7	9.3	13
66	Investigation of the optimal transient times for chronoamperometric analysis of diffusion coefficients and concentrations in non-aqueous solvents and ionic liquids. <i>Analytical Methods</i> , 2012 , 4, 371-376	3.2	34
65	One-step synthesis of fluorescein modified nano-carbon for Pd(II) detection via fluorescence quenching. <i>Analyst, The</i> , 2012 , 137, 2054-62	5	46
64	The formal potentials and electrode kinetics of the proton/hydrogen couple in various room temperature ionic liquids. <i>Chemical Communications</i> , 2012 , 48, 5572-4	5.8	36
63	A green approach to Fenton chemistry: mono-hydroxylation of salicylic acid in aqueous medium by the electrogeneration of Fenton's reagent. <i>New Journal of Chemistry</i> , 2012 , 36, 1265	3.6	13
62	The electrochemical reduction of oxygen at boron-doped diamond and glassy carbon electrodes: A comparative study in a room-temperature ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 663, 108-112	4.1	26
61	The mechanism of hydrazine electro-oxidation revealed by platinum microelectrodes: role of residual oxides. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 5279-87	3.6	61
60	Electrochemistry of sulfur and polysulfides in ionic liquids. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 13873-9	3.4	119
59	Palladium nanoparticle-modified carbon nanotubes for electrochemical hydrogenolysis in ionic liquids. <i>New Journal of Chemistry</i> , 2011 , 35, 1369	3.6	20
58	3-Aryl-3-(trifluoromethyl)diazirines as Versatile Photoactivated "Linker" Molecules for the Improved Covalent Modification of Graphitic and Carbon Nanotube Surfaces. <i>Chemistry of Materials</i> , 2011 , 23, 3740-3751	9.6	30
57	The voltammetry of surface bound 2-anthraquinonyl groups in room temperature ionic liquids: Cation size effects. <i>Chemical Physics Letters</i> , 2011 , 511, 461-465	2.5	20
56	In situ electrochemical-X-ray Photoelectron Spectroscopy: Rubidium metal deposition from an ionic liquid in competition with solvent breakdown. <i>Chemical Physics Letters</i> , 2011 , 517, 103-107	2.5	27
55	Thermal conductivity measurement of liquids in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2011 , 10, 123-132	2.8	6
54	Facile Synthesis of Pd Nanoparticle Modified Carbon Black for Electroanalysis: Application to the Detection of Hydrazine. <i>Electroanalysis</i> , 2011 , 23, 1568-1578	3	53
53	Towards mixed fuels: the electrochemistry of hydrazine in the presence of methanol and formic acid. <i>ChemPhysChem</i> , 2011 , 12, 1280-7	3.2	13
52	The kinetics of ferrocene volatilisation from an ionic liquid. <i>ChemPhysChem</i> , 2011 , 12, 1708-13	3.2	16
51	Volatilisation of ferrocene from ionic liquids: kinetics and mechanism. <i>Chemical Communications</i> , 2011 , 47, 7083-5	5.8	21

50	Towards the electrochemical quantification of the strength of garlic. <i>Analyst, The</i> , 2011 , 136, 128-33	5	10
49	Irreversible uptake of palladium from aqueous systems using L-cysteine methyl ester physisorbed on carbon black. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9513		11
48	Electrochemistry of Hg(II) salts in room-temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 2574-81	3.4	2
47	Electrochemistry of Hydrogen in the Room Temperature Ionic Liquid 1-Butyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide: Dissolved Hydrogen Facilitates Diffusional Transport. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 14334-14340	3.8	22
46	Monitoring potassium metal electrodeposition from an ionic liquid using in situ electrochemical-X-ray photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2011 , 509, 72-76	2.5	37
45	The electrochemistry of quinizarin revealed through its mediated reduction of oxygen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19891-5	11.5	17
44	Fabrication of PPF Electrodes by a Rapid Thermal Process. <i>Journal of the Electrochemical Society</i> , 2011 , 158, H63	3.9	19
43	Toward membrane-free amperometric gas sensors: a microelectrode array approach. <i>Analytical Chemistry</i> , 2010 , 82, 5238-45	7.8	93
42	Clean, efficient electrolysis of formic acid via formation of eutectic, ionic mixtures with ammonium formate. <i>Energy and Environmental Science</i> , 2010 , 3, 1587	35.4	10
41	The Group I Alkali Metals in Ionic Liquids: Electrodeposition and Determination of Their Kinetic and Thermodynamic Properties. <i>ECS Transactions</i> , 2010 , 33, 523-535	1	5
40	(Invited) Amperometric Gas Detection Using Room Temperature Ionic Liquid Solvents. <i>ECS Transactions</i> , 2010 , 33, 473-502	1	32
39	A Study of the Na/Na ⁺ Redox Couple in Some Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 3618-3626	3.8	38
38	Hydrogenolysis without hydrogen gas: hydrogen loaded palladium electrodes by electrolysis of H ₂ [NTf ₂] in a room temperature ionic liquid. <i>Green Chemistry</i> , 2010 , 12, 1926	10	10
37	Size-effects in the chemical modification of carbon black nanoparticles with 4-nitroaniline. <i>New Journal of Chemistry</i> , 2010 , 34, 2643	3.6	26
36	Electroanalytical Detection of n-Butylamine at a Nickel/Carbon Nanotube Composite. <i>Electroanalysis</i> , 2010 , 22, 912-917	3	12
35	The electrochemical oxidation of catechol and dopamine on platinum in 1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ([C ₂ mim][NTf ₂]) and 1-Butyl-3-methylimidazolium tetrafluoroborate ([C ₄ mim][BF ₄]): Adsorption effects in ionic liquid electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 676, 115-117	4.1	25
34	The electrode potentials of the Group I alkali metals in the ionic liquid N-butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide. <i>Chemical Physics Letters</i> , 2010 , 492, 276-280	2.5	22
33	Measuring the solubility of benzoic acid in room temperature ionic liquids using chronoamperometric techniques. <i>Journal of Physical Organic Chemistry</i> , 2009 , 22, 69-76	2.1	10

32	Dissolved Argon Changes the Rate of Diffusion in Room Temperature Ionic Liquids: Effect of the Presence and Absence of Argon and Nitrogen on the Voltammetry of Ferrocene. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 7750-7754	3.8	50
31	Electrochemical Oxidation of Hydrogen Sulfide at Platinum Electrodes in Room Temperature Ionic Liquids: Evidence for Significant Accumulation of H ₂ S at the Pt/1-Butyl-3-methylimidazolium Trifluoromethylsulfonate Interface. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 10997-11002	3.8	22
30	Evaluation of a microfluidic device for the electrochemical determination of halide content in ionic liquids. <i>Analytical Chemistry</i> , 2009 , 81, 1628-37	7.8	25
29	Extraction of electrode kinetic parameters from microdisc voltammetric data measured under transport conditions intermediate between steady-state convergent and transient linear diffusion as typically applies to room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 7560-5	3.4	46
28	Voltammetric Characterization of the Ferrocene Ferrocenium and Cobaltocenium Cobaltocene Redox Couples in RTILs. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2729-2735	3.8	210
27	Preparation of AgX (X = Cl, I) nanoparticles using ionic liquids. <i>Nanotechnology</i> , 2008 , 19, 105603	3.4	34
26	Effect of Water on the Electrochemical Window and Potential Limits of Room-Temperature Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2884-2891	2.8	421
25	Electrooxidation of the Iodides [C ₄ mim]I, LiI, NaI, KI, RbI, and CsI in the Room Temperature Ionic Liquid [C ₄ mim][NTf ₂]. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 6551-6557	3.8	45
24	Oxidation of Several p-Phenylenediamines in Room Temperature Ionic Liquids: Estimation of Transport and Electrode Kinetic Parameters. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 6993-7000	3.8	29
23	Electroreduction of Sulfur Dioxide in Some Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 3398-3404	3.8	42
22	Unusual Voltammetry of the Reduction of O ₂ in [C ₄ dmim][N(Tf) ₂] Reveals a Strong Interaction of O ₂ with the [C ₄ dmim] ⁺ Cation. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13709-13715	3.8	77
21	The Electrochemical Reduction of Hydrogen Sulfide on Platinum in Several Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 7725-7730	3.8	40
20	Electrochemical Reduction of Benzoic Acid and Substituted Benzoic Acids in Some Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12966-12973	3.8	34
19	Electroreduction of Chlorine Gas at Platinum Electrodes in Several Room Temperature Ionic Liquids: Evidence of Strong Adsorption on the Electrode Surface Revealed by Unusual Voltammetry in Which Currents Decrease with Increasing Voltage Scan Rates. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13477-13483	3.8	23
18	Behavior of the Heterogeneous Electron-Transfer Rate Constants of Arenes and Substituted Anthracenes in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1650-1657	3.8	39
17	Electrode Kinetics and Mechanism of Iodine Reduction in the Room-Temperature Ionic Liquid [C ₄ mim][NTf ₂]. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10976-10981	3.8	30
16	The electrochemical oxidation of hydrogen at activated platinum electrodes in room temperature ionic liquids as solvents. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 618, 53-60	4.1	73
15	Using XPS to determine solute solubility in room temperature ionic liquids. <i>Analyst, The</i> , 2007 , 132, 196-8		42

14	The electrochemical oxidation and reduction of nitrate ions in the room temperature ionic liquid [C2mim][NTf2]; the latter behaves as a β helt rather than an β rganic solvent. <i>New Journal of Chemistry</i> , 2007 , 31, 966-972	3.6	19
13	Voltammetric Studies of Gold, Protons, and [HCl2]- in Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 8496-8503	3.8	59
12	Mechanistic Studies of the Electro-oxidation Pathway of Ammonia in Several Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 9562-9572	3.8	38
11	Electrochemical oxidation of nitrite and the oxidation and reduction of NO ₂ in the room temperature ionic liquid [C2mim][NTf2]. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 7778-85	3.4	63
10	Electrochemical Kinetics of Ag Ag ⁺ and TMPD TMPD ⁺ in the Room-Temperature Ionic Liquid [C4mpyrr][NTf2]; toward Optimizing Reference Electrodes for Voltammetry in RTILs. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 13957-13966	3.8	59
9	An electrochemical study of the oxidation of hydrogen at platinum electrodes in several room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 5000-7	3.4	95
8	Electrochemical Ammonia Gas Sensing in Nonaqueous Systems: A Comparison of Propylene Carbonate with Room Temperature Ionic Liquids. <i>Electroanalysis</i> , 2007 , 19, 2194-2201	3	40
7	The Electrochemistry of Vitamin B12 in Ionic Liquids and Its Use in the Electrocatalytic Reduction of Vicinal Dibromoalkanes. <i>Electroanalysis</i> , 2006 , 18, 2263-2268	3	13
6	Electrochemical studies of gold and chloride in ionic liquids. <i>New Journal of Chemistry</i> , 2006 , 30, 1576-1588	3.8	91
5	An electrochemical study of PCl ₃ and POCl ₃ in the room temperature ionic liquid [C4mpyrr][N(Tf) ₂]. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 22035-42	3.4	22
4	Electrochemistry of phenol in bis((trifluoromethyl)sulfonyl)amide ([NTf ₂]) ⁺ -based ionic liquids. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 588, 27-31	4.1	35
3	Electrochemical reduction of nitrobenzene and 4-nitrophenol in the room temperature ionic liquid [C4dmim][N(Tf) ₂]. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 596, 131-140	4.1	100
2	Developing iron-based anionic redox couples for thermogalvanic cells: towards the replacement of the ferricyanide/ferrocyanide redox couple. <i>Green Chemistry</i> ,	10	2
1	Thermogalvanic and Thermocapacitive Behavior of Superabsorbent Hydrogels for Combined Low-Temperature Thermal Energy Conversion and Harvesting. <i>ACS Applied Energy Materials</i> ,	6.1	3